 	Claims	

Application/Control No.

10/653,829 Examiner

Cuong V. Luu

Applicant(s)/Patent under Reexamination

**CULLICK ET AL.** 

Art Unit

2128

<b>√</b>	Rejected	
=	Allowed	

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

The color of the	Cla	aim	Date					1	Claim Date							i '								
1 V 51 52 53   3 V 55 53 54 55 56 64 55 56 67 70		ľ	_	Γ	Π	T	Ī	Γ	Г	Ι	Γ	1			$\Box$		Т		<u> </u>	Ť	Γ-	Г	1	i
1 V 51 52 53   3 V 55 53 54 55 56 64 55 56 67 70	ō	ag.	90			İ							ਲ	_ <u>=</u>								1		
1 V 51 52 53   3 V 55 53 54 55 56 64 55 56 67 70	ᄩ	Ē	123	l		l		i					ᇉ	.Ē								1		
Section   Sect	-	0	ø										-	0	ŀ									
Section   Sect	<u> </u>	1	J	-	<del> </del>	-	<del> </del>			_	╁╌	1	_	51	Н				H	H	H	$\vdash$	$\vdash$	
3					$\vdash$	-	$\vdash$	-	t	$\vdash$	╁	1					-	-		-	-	-	$\vdash$	
4 V   5 V   6 V   7 V   8 V   9 V   10 V   60 60   11 V   62 63   13 V   63 64   15 V   66 66   17 V   68 66   17 V   68 67   18 V   68 69   20 V   70 70   21 V   71 72   23 V   74 74   25 V   76 77   28 V   77 78   29 V   33 N   34 N   35 N   36 N   33 N   33 N   34		3			┝		╁	-			┢	┨				_	-	_	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	
5 V   6 V   7 V   8 V   9 V   10 V   61 C   11 V   61 C   13 V   63 C   14 V   64 C   15 V   66 C   17 V   18 V   68 C   19 V   20 V   21 V   22 V   23 V   24 V   25 V   26 V   27 V   28 V   28 V   29 V   30 V   31 V   32 N   33 N   34 N   35 N   36 N   36 N <td><b>-</b></td> <td></td> <td></td> <td>-</td> <td>┢╾</td> <td>-</td> <td>┢╌</td> <td>-</td> <td></td> <td>-</td> <td>┝</td> <td>┨</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>┢╌</td> <td>╁╌</td> <td>⊢</td> <td>├</td> <td>├─</td> <td></td>	<b>-</b>			-	┢╾	-	┢╌	-		-	┝	┨					-		┢╌	╁╌	⊢	├	├─	
6	-					-	┢	<del>                                     </del>	-		-	1							┢┈	$\vdash$		┢	┝	
T	$\vdash$	<del>-</del>		$\vdash$		$\vdash$	$\vdash$	├─	├		┢	┨			Н			-	<del>                                     </del>	-	-	┝	┝	
S	$\vdash$			$\vdash$		┢	$\vdash$	-	┢╾	$\vdash$	╁	1	-		Н		_	_	⊢	⊢		-		
9	-				-	_	-	$\vdash$		┢	┢	┨			Н				$\vdash$	┢		-	-	
10		-		-	-	-	╁	┢	-	$\vdash$	⊢	┨			$\vdash$				-	┢	-		-	
11    V	-			├	┢	┢					-	1			┝				┢	$\vdash$	H	-	-	
12    V	-			├	┝	⊢	┢	-	-	-	╌	1			Н			-	├	├	├-	├		
13   V	<b> </b>			<del> </del>	-	$\vdash$	-	$\vdash$	$\vdash$	<del> </del>	$\vdash$	1	<b></b> -		H	-		-		+	-	$\vdash$		
14    V				-	-	-		<del>                                     </del>	$\vdash$	<del> </del>	-	1			Н			-	-	$\vdash$	$\vdash$	$\vdash$	-	
15	<b></b>			<del>                                     </del>	-	-	1	$\vdash$		-	-	1	ļ		$\vdash$			-	$\vdash$	$\vdash$	$\vdash$		$\vdash$	
16	<b> </b>			$\vdash$	$\vdash$	<del> </del>	$\vdash$	$\vdash$	$\vdash$	$\vdash$	╁	1	<del> </del>		$\vdash$			-	$\vdash$	$\vdash$	$\vdash$	$\vdash$		
17	-			-	-	<del> </del>	$\vdash$	Η-	$\vdash$	-	<del> </del>	1	<del> </del>						$\vdash$	$\vdash$	$\vdash$	-		
18	-				$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$		$\vdash$	1			$\vdash$		—		<del> </del>	$\vdash$	<del> </del>	-	-	
19   \( \sqrt{1} \)	-					$\vdash$	-	$\vdash$	$\vdash$		$\vdash$	1	-		$\vdash$				<del>                                     </del>	╁	╁	$\vdash$		
20					┢	$\vdash$	$\vdash$	$\vdash$	$\vdash$			1	-		Н				-	-		i—		
21    \forall				-	┢	├	┢╾	├─	├-		-	1		70	$\vdash$		_		$\vdash$	$\vdash$		_		
Text				┝	H	-	┢		┢	-	-	1				-	_			⊢		-		
23   V	-			$\vdash$	⊢	$\vdash$	$\vdash$	$\vdash$	-		├	1			$\vdash$	-	—			├	_			
24   V   75   75   76   77   78   79   79   79   79   79   79	<del> </del>			┝	┢	┢╌	┢		┢		-	ł		73	$\vdash$				H	<del> </del>	$\vdash$	-		
25   \lambda	-			-	┢	┢	$\vdash$	┢	┢		-	ł			Н		—		-	<del> </del>	┢			
26	-			-	$\vdash$	$\vdash$		$\vdash$	$\vdash$	-	-	ł			$\vdash$				-	├		-	-	l
27   V						┝	一	-	-	$\vdash$	$\vdash$	1		76	H	-	_	_		$\vdash$	┢			
Text	-					$\vdash$	$\vdash$	$\vdash$	<del> </del>		$\vdash$	1							-	├	-			
29   V						$\vdash$	$\vdash$	-	├─	-		1				_	-	_		<del> </del> -		-		
30					-	<del> </del>	-		$\vdash$	$\vdash$		1			$\vdash$					╁	$\vdash$		-	l
31				-	┢	-		$\vdash$	$\vdash$	-	-	ł			H			_		<del>                                     </del>	┢		┝	
32 N				<del> </del>	-	-			<del> </del>		-	ł			$\vdash$	-				╁	-	<del> </del>	H	
33 N 8 83 84 84 85 85 86 86 87 88 88 88 88 88 88 88 88 88 88 88 88			_	$\vdash$		-	-		$\vdash$	$\vdash$	$\vdash$	ł				_	_		_	⊢			$\vdash$	l
34 N			_	$\vdash$	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1			$\vdash$	-			$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	
35 N				-		-	-	┢	┢	-	┢╾	ł			$\vdash$		_		-	╁	┢	-	┝	
36 N	<b> </b>			-	1	┢	$\vdash$	-	$\vdash$		-	1			$\vdash$				-	$\vdash$	$\vdash$	-	$\vdash$	
37 N 8 87 88 88 89 90 90 90 90 91 92 92 92 92 93 93 94 94 94 95 96 96 97 97 98 98 99 99 99 99 99 99 99 99 99 99			_	-	$\vdash$	$\vdash$	+		<del>                                     </del>	<del> </del>	-	1			H				-	╁	┢╾	$\vdash$	$\vdash$	
38 N			_		$\vdash$	-			-		$\vdash$	1			$\vdash$					╁	$\vdash$	┢	┝	
39 N			-	<del>                                     </del>		$\vdash$	$\vdash$	<del> </del>	<u> </u>	$\vdash$	$\vdash$	1			$\vdash$	=			┢═	$\vdash$	一	$\vdash$	$\vdash$	
40   N   90   91   92   93   94   94   95   96   97   97   98   99   99   99   99   99			-	$\vdash$	$\vdash$	H	$\vdash$	$\vdash$	$\vdash$	$\vdash$	<del>                                     </del>	1			H				├-	┢	$\vdash$	$\vdash$	$\vdash$	
41 N   91   92   93   94   94   95   96   97   98   99   99   99   99   99   99					$\vdash$	$\vdash$	$\vdash$	一	<del> </del>	$\vdash$		l			$\vdash$	$\dashv$			$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	
42   1   92   93   94   94   95   96   97   98   99   99   99   99   99   99	$\vdash$			$\vdash$	<u> </u>		<del> </del>	$\vdash$		$\vdash$	$\vdash$	1			H				$\vdash$	Н	$\vdash$	Н	$\vdash$	
43   1   93   94   94   95   96   97   98   99   99   99   99   99   99				_	$\vdash$	<u> </u>	$\vdash$	-		$\vdash$	$\vdash$	i			H	$\dashv$			<del>                                     </del>	<del>  -</del>	H	$\vdash$	$\vdash$	
44   1   94   95   96   97   98   99   99   99   99   99   99	$\vdash$			_		<u> </u>	<del> </del>	$\vdash$				i					-		┢	<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$	
45   \( \sqrt{1} \)	$\vdash$				$\vdash$	t	H	$\vdash$				1			$\vdash$	=			$\vdash$	1-	$\vdash$	$\vdash$		
46 \( \sqrt{1} \) 96 \\ 47 \( \sqrt{1} \) 97 \\ 48 \( \sqrt{1} \) 98 \\ 49 \\ 90 \\ 90 \\	$\vdash$				$\vdash$	$\vdash$	<del> </del>	-	$\vdash$			1			H		-		$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$	$\vdash$	
47				$\vdash$		$\vdash$	_	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1	-		$\vdash$		_	-	$\vdash$	$\vdash$	<del> </del>	$\vdash$		
48 V 98 99 99	$\vdash$			Η-		H	┢	$\vdash$	$\vdash$		$\vdash$	1			H				<del>                                     </del>	<del>                                     </del>	-	<del>                                     </del>	-	
49 99 99				<del>                                     </del>		┢	$\vdash$	<del>                                     </del>	$\vdash$	-	$\vdash$	1							$\vdash$	1	-	Ι-	<del>                                     </del>	
			Ť			<u> </u>		$\vdash$		$\vdash$	<del> </del>	1			$\vdash \vdash$				$\vdash$	<del>                                     </del>	_			
		50	$\vdash$			$\vdash$		<del> </del>		_	<del>                                     </del>	1		100	$\vdash$		-	-	$\vdash$				-	

Cla	aim	Date									
	I	$\vdash$	Г	Г		Ī	Ī	Γ	Г	Γ-	
Final	Original					!					
-	ō	ŀ									
	51										
	52			Г							
	52 53										
	54									Г	
	54 55 56										
	56										
	57										
	58 59							L	L		
	59	<u></u>			_		L	_			
ļ	60		L		L.	_			<u> </u>		
ļ	61		<u> </u>		<u> </u>		_	_	L		
	62	_	_	L_	L	_		_	_		
ļ	63	⊢	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	64 65	<u> </u>	<u> </u>	<u> </u>	-	$\vdash$	<u> </u>	_	<u> </u>	-	
<u></u>	65		<u> </u>		<u> </u>		<u> </u>	$\vdash$	<u> </u>	<u> </u>	
-	66	_		<u> </u>		<u> </u>	⊢		-		
-	67	<u> </u>	ļ		-	_	⊢	<del> </del> —	$\vdash$		
-	68	H	-	_	-				<u> </u>		
	69 70		_	-				_		_	
-	70	<u> </u>	-	<u> </u>			-				
<u> </u>	72	<del> </del>	-	<u> </u>		-	-	H			
	72 73 74 75 76	┝		<del> </del>		$\vdash$	-				
<b>-</b>	74	┝	-	$\vdash$		-		<del> </del>			
	75		$\vdash$	-	_				_		
	76	$\overline{}$	-					$\vdash$			
	77		_					_	-		
	77 78		$\vdash$	_	_			_			
	79									_	
	80										
	81										
	82 83										
	83										
	84										
	85							$\Box$			
	86			$oxed{oxed}$			<u> </u>				
<u></u>	87	L_		<u> </u>		Щ	<u> </u>	<u> </u>	L	Щ	
	88	<u> </u>				L	<u> </u>	<u> </u>	<u> </u>		
<u></u>	89	<u> </u>				L.,	<u> </u>	L-	<u> </u>	<u> </u>	
<u> </u>	90	_		ļ	ļ	_	$\vdash$	<u> </u>	_	$\vdash$	
<u> </u>	91	$\vdash$	Ė	<u> </u>	<u> </u>	Ь.	├	$\vdash$	<u> </u>	$\vdash$	
	92	ļ	<u> </u>	$\vdash$		_	<u> </u>		<u> </u>	$\vdash$	
H	93	$\vdash$	$\vdash$		$\vdash$	$\vdash$	<del> </del>	⊢	<u> </u>	H	
<u> </u>	94 95	$\vdash$	H				<u> </u>		_		
-	96		<b></b> -	$\vdash$		$\vdash$	<del> </del>		$\vdash$	$\vdash$	
$\vdash$	97	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	-		<del> -</del>	-	
	98		-	Н	-	$\vdash$		$\vdash$	-		
	99	-	H	H			H		-	$\vdash$	
$\vdash$	100	-		$\vdash$	-	H	-	H		-	

Cla	Date										
							Г	Г		П	
<u> </u>	Original										
Final	rig										
-	0										
H	101				-			-	<del>                                     </del>	$\vdash$	
<b></b> -	101 102		$\vdash$	$\vdash$				$\vdash$	-	Н	
<del></del>	103		-	$\vdash$		_		-	├	Н	
<del></del>	103 104 105		$\vdash$	-	-		$\vdash$	-	$\vdash$	Н	
<u> </u>	105		$\vdash$	-	-			┝	$\vdash$	Н	
<b></b>	106	-	$\vdash$	-				-	$\vdash$		
	106 107 108	_		-				-	-	$\vdash$	
	107					-		⊢	$\vdash$	Н	
	100			-				⊢	$\vdash$	Н	
	110	_	-	-				┢	-	$\vdash$	
<u> </u>	111		_	$\vdash$	-	$\vdash$	_	⊢	Н—		
<b></b>	111	-	-	-				├		$\vdash$	
<u> </u>	112	$\vdash$	_	<u> </u>	-	-	├	<del> </del>	<del> </del>	$\vdash$	
	109 110 111 112 113 114 115	<u> </u>	-		<u> </u>		-	$\vdash$		$\vdash\vdash$	
_	114				⊢	_	-	⊢	⊢	Н	
<u> </u>	110		<b> </b> -		├	-	_	$\vdash$	$\vdash$	$\vdash$	
<u> </u>	116	$\vdash$	-	-		-	<u> </u>	<del> </del>	├	$\vdash$	
	117			_			ļ	├	-		
ļ	117 118 119			_				<u> </u>	_	<u> </u>	
	119	_		-	_	<u> </u>		<u> </u>	_	Щ	
	120	_			<u> </u>	<u> </u>		<u> </u>	L	Ш	
	121			_				<u> </u>	_	Щ	
	122	_	_	├	<u> </u>	<u> </u>		$\vdash$	_		
	123			<u> </u>		_		⊢	-	$\vdash$	
	120 121 122 123 124 125 126 127			_		_		<u> </u>	-	<u> </u>	
	125	_	<u> </u>		-	<del> </del>	-	⊢	H		
	120		_		_	<del> </del> -	-	_	$\vdash$	$\vdash$	
	127			-	-	-				$\vdash$	
	128 129 130		_	├	_	├	$\vdash$		$\vdash$	Н	
_	129			$\vdash$	$\vdash$	$\vdash$	<u> </u>	_	-	Н	
	130	_	_	-		┝	<del> </del>	_		Н	
	131 132			_		_	<u> </u>	-		Н	
<u> </u>	132		_	_	⊢	_	<u> </u>	<u> </u>	<u> </u>	Н	
<u> </u>	133 134		_	_	<u> </u>		<u> </u>	<u> </u>	-	$\vdash \vdash$	
<del> </del>	134	H	-	-	<u> </u>	-	_	$\vdash$	$\vdash$	$\vdash \vdash$	
<u> </u>	135	H	_	$\vdash$	<u> </u>	<u> </u>	<u> </u>	$\vdash$	$\vdash$	Н	
<u> </u>	136 137		_	-	$\vdash$	<u> </u>	<u> </u>	$\vdash$	$\vdash$	Н	
<u> </u>	13/		<u> </u>		<u> </u>	├	├-	-	$\vdash$	Н	
<u> </u>	138	-	-	$\vdash$	$\vdash$	$\vdash$	<u> </u>	├-	$\vdash$	Н	
	139 140			H	H	<u> </u>	<u> </u>		_		
<u> </u>	140	-	<del> </del>		-	<u> </u>		$\vdash$		Н	
<u> </u>	141		<u> </u>	$\vdash$	-	$\vdash$	<u> </u>	-	$\vdash$	$\vdash$	
<u> </u>	143	$\vdash$	-	<u> —                                   </u>	-	<del> </del>		$\vdash$	-	Н	
<b></b> -		-	<u> </u>	-		<u> </u>		$\vdash$	-	$\vdash\dashv$	
	144		<u> </u>	<u> —</u>	$\vdash$	H	<del> </del>	-	$\vdash$	$\vdash\vdash$	
<u> </u>	145	$\vdash$	-			-	<del> </del>	$\vdash$		$\vdash\dashv$	
	146	<u> </u>	<u> </u>	-	<u> </u>	⊢-	<u> </u>	<u> </u>	-	$\vdash\vdash$	
ļ	147	<u> </u>	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	$\vdash$	Н	
	148				<u> </u>	$\vdash$	<u> </u>	-	$\vdash$	$\vdash \vdash$	
	149	<u> </u>	_	$\vdash$	⊢	<u> </u>	$\vdash$	$\vdash$		$\vdash \vdash$	
	150				L_		L_	L	L	Ш	